For many students, listening to music or podcasts while they are working helps them concentrate. However, Spotify does not provide a useful interface where users are able to manipulate their podcast queue. Our project aims to fill this void by creating a webpage where people can see the podcasts they are following, assign priority to make sure certain shows are played sooner than others, and directly manipulate the queue. Spotify allows for this to be used through the use of their API services, which allows authenticated users to get shows and episode lists as well as push items to their listen queue. We can create a list of shows, episodes, and a master playlist that can be pushed to Spotify for easy listening.

The technology usage for this project is nicely limited. Most of the work can be accomplished through JQuery, HTML, and CSS. The main technical components of this project include API management and DOM manipulation. There will be no backend server or database as the website will not be storing user data, so the functionality of the will come entirely from client-side dynamic pages with JS. In order to help with the CSS portion of the project, the team is looking to use Bootstrap for help with layout options and hopefully come up with a decent responsive design.